Date Mailed: September 30, 2003

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: HSJ920030082US1	Application Number: unassigned
	Applicant: GILL	
	Filing Date: 09/30/2003	Group Art Unit: unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AH	5,206,590 ✓	04/27/1993	DIENY et al.			
	5,422,621 ✓	06/06/1995	GAMBINO et al.			
	5,432,373 ✓	06/11/1995	JOHNSON			
	5,695,864 ✓	12/09/1997	SLONCZEWSKI			
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
AH	✓JP 08-088422	02.04.1996	JP			Abstract only	
	✓JP 2001189504	10.07.2001	JP			Abstract only	
	✓WO 95/26547	05.10.1995	PCT			N/A	
	✓WO 02095434	28.11.2002	PCT			YES	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AH	2001 ✓	Zhao, Y.-W., Munoz, M. Tatara, G. and Garcia, N., "From Ballistic to Non-Ballistic Magnetoresistance in Nonocontacts: Theory and Experiments," *Journal of Magnetism and Magnetic Materials*, 223 (2001) 169-174.
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	December 1997 ✓	A. Encinas, F. Nguyen Van Dau, M. Sussiau, A. Schuhl, and P. Galtier, "Contribution of Current Perpendicular to the Plane to the Giant Magnetoresistance of Laterally Modulated Spin Values," Applied Physics Letters, Vol 71, No. 22, December 1, 1997.

EXAMINER A. Haines	DATE CONSIDERED 5/26/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

*Substitute Disclosure Statement Form (PTO-1449)

Date Mailed: October 17, 2003

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: HSJ920030082US1	Application Number: 10/674,725
	Applicant: GILL	
	Filing Date: 09/30/2003	Group Art Unit: Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AH	May 2002	Edward Price, "Magnetoresistance in Ballistic Transport Devices," *CMRR & UCSD Physics*, May 22, 2002.

EXAMINER A. Heinz	DATE CONSIDERED 5/26/06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

*Substitute Disclosure Statement Form (PTO-1449)